



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yasmin Thanavala, et al.

Art Unit: 1651

Serial No: 09/464,416

Filed: December 16, 1999

Examiner: M. Flood

For: ORAL IMMUNOLOGY
USING PLANT PRODUCT
CONTAINING A NON-
ENTERIC PATHOGEN
ANTIGEN

I certify that this AMENDMENT is being deposited on January 29, 2001 with the U.S. Postal Service as first class mail addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

Michael L. Dunn

Registration No. 25,330

AMENDMENT

The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the official action of October 3, 2000, please amend as follows:

In the Claims

Please amend claim 1 as follows:

Claim 1 (twice amended)

A method for providing a protective immune response in a mammal that is specific to an antigen to a non-enteric pathogen (NEPA), the pathogen being a pathogen that invades through a breach in the skin and that does not raise a protective enteric immune response in mammals free of acquired immunity to the pathogen in the absence of an oral adjuvant, said method comprising feeding the mammal with a substance comprising a physiologically acceptable plant material from a [plant] potato containing the NEPA, expressed by the [plant] potato as a result of